

DynaGuard™ CMS/VSS Release Note

Version

From CMS version **3.22.2** to version **3.24.0**

From VSS version **3.8.3** to version **3.10.0, Dec 2013**

Abstract

The latest released CMS and VSS, we improved the software stability and efficiency. Also, added new features to provide the user authorizations and configuration through CMS, VSS and NVR. The function of Video Preview in CMS and VSS is available. Xarina IP Camera Configuration and Auto-Streaming is also provided in this version.

CMS

A. New Functions

- I. Support Xarina IP Camera and Auto Streaming for NTSC 30 FPS and PAL 25 FPS both in main stream and sub stream.
- II. Support the IP Dome control of VSS and NVR.
- III. Support VSS&NVR <User Management> to display the VSS user management configuration and provide high level user/administration of VSS for modifying the authorization.
- IV. Support VSS <Video Preview>.
- V. CMS Player support <Video Preview>-function file.

B. Behaviors Changed

- I. Support IP Camera with 4 Multi-Motions.
- II. Support hardware video decoding for at most 8 Channels and 30 FPS per channel to enhance the efficiency of video display.
- III. Change the default of IP Camera in <Auto Streaming> to CBR mode.
- IV. Hold the connection of IP Camera and suspend the video display while minimizing the CMS to lower the CPU loading and provide image recovery immediately after enlarging the CMS.
- V. Added the content of E-mail notification with Event type.
- VI. Removed the function of <Image Adjustment>.
- VII. <Auto-Streaming> will also change the bitrate of devices.
- VIII. Removed the system-created folder from displaying in <File Path><Browse> to reduce the loading time of folders.
- IX. Modified the recording ways to decrease the possibility of video loss and the usage of memory.

- X. Improved the speed of archiving the VSS event in CMS Player.

C. Bugs Fixed for CMS

- I. Fixed the following conditions for Improving Performance.
 - 1. Adjusted 180 degree display of Fisheye to be the same with IP Camera remote site.
 - 2. Video flickering when playing the event.
 - 3. Video loss than 4 seconds could not playback.
 - 4. Memory leak when connecting IP Camera.
- II. Fixed the following conditions for Crash.
 - 1. Connecting too many IP Camera.
 - 2. Long camera title
 - 3. Connecting device, which relay out is less and equal than 2, and using the function to relay out.
 - 4. Invalid characters in site/camera title.
 - 5. Launch 4 CMS.
 - 6. Exporting progress dialog would not close after exporting.
- III. Fixed the following conditions for Wrong Layout.
 - 1. <Setting> disappear once install CMS.
 - 2. Setting tabs overlap while import setting in non-group tab.
 - 3. Multiple images overlap in <E-map> after importing setting.
 - 4. <Calendar Search> in CMS Player.
- IV. Fixed the following conditions for Error Behavior.
 - 1. Fisheye could not use <digital zoom> in source view mode.
 - 2. <Auto Change Stream> would enable automatically when CMS is enlarged.
 - 3. <Circular> may disabled in some conditions and delete the wrong files.
 - 4. CMS would not inform device of stopping deliver the audio stream after archiving.
 - 5. Could not archive the data from Dynacolor I60 after playback.
 - 6. Functions disabled when version name of DVR/NVR is 5 digits.
 - 7. Function error in <Exporting>

VSS

A. New Functions

- I. Support Xarina IP Camera and <Auto Streaming> for NTSC 30 FPS and PAL 25 FPS both in main stream and sub stream.
- II. Added <Video Preview> to help user to preview the video in playback

mode for searching specific clip.

- III. Added <User Attribute> in <User Management> to provide the service for different users with specific authorizations. The authorization of users also used when connected VSS in Remote System.
- IV. Added VSS <Email Notification> & <Mobile Notification> to send the alarm notification right away when the alarm in devices triggered. Notification functions in iOS and Android are available.
- V. Support Video loss in <E-mail Notification>.

B. Behaviors Changed

- I. At least one user account could use the <Group Attribution Setting> in <User Management>.
- II. Change the default of IP Camera in <Auto Streaming> to CBR mode.
- III. Support IP Camera with 4 Multi-Motions.
- IV. “ , ” and ”%” are invalid characters for site/camera titles.
- V. Changed the <Auto-Streaming> function that the Sites with <Auto-Streaming> will set up automatically once the VSS launched.
- VI. <Auto-Streaming> will also change the bitrate of devices.
- VII. VSS would deliver the single stream to client site while IP camera don't support dual stream.
- VIII. Modified the recording ways to reduce the possibility of video loss and the usage of memory.
- IX. Added the content of <E-mail notification> with Event type.
- X. Removed the system-created folder from displaying in <File Path><Browse> to reduce the loading time of folders.

C. Bugs Fixed for VSS

- I. Fixed the following conditions for Wrong Layout.
 1. Setting tabs overlap while importing setting in none-group tab.
- II. Fixed the following conditions for Crash.
 1. Fail to read the file in <Playback>.
 2. <Device wizard> did not search any device.
 3. Fixed the site name could not immediately showing the new name on the site tree after changing it in <Setting> dialog.
- III. Fixed the following conditions for Error Behavior.
 1. Wrong information displayed in VSS LOG.
 2. <Auto-Streaming> setup is only available for the first group.
 3. <Circular> may disabled in some conditions and delete the wrong files.
 4. Playback the wrong file while changing the file.

5. Settings are not disabled when log in with user account.
6. Configuration error when setting up several devices continuously.
7. Missing audio while archive.
8. <Auto-Focus> of some PTZ camera is not supported.
9. Client could not receive the new site image immediately while adding new site in VSS.

Web

A. New Functions

- I. Added <Video Preview> in <Single Viewing Mode> when playback.
- II. Support VSS <User Management Configuration>.
- III. Support VSS <Video Preview>

B. Behaviors Changed

- I. Improved the performance of playing back.
- II. Memory will not rapidly increase, due to the computer performance.
- III. <Snapshot> will be with the video recording time.

C. Bugs Fixed for Web

- I. Fixed the following conditions for Error Behavior.
 1. Fixed the wrong channels display when changing the viewing mode from split to single.
 2. Broken image displayed in <Full Screen Mode>.
 3. Function error in <Exporting>.
- II. Fixed the following conditions for Wrong Layout.
 1. Wrong page layout of <Calendar Search> in CMS player.